



PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Mark Rule et al.**

Serial No. **10/664,187**

Filed: **September 17, 2003**

For: **Multilayer Polymeric/Zero Valent  
Material Structure For Enhanced  
Gas or Vapor Barrier and UV Barrier  
And Method For Making Same**

Art Unit: **Unassigned**

Examiner: **Unassigned**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

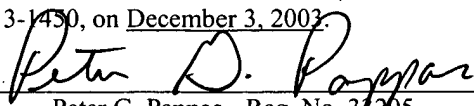
Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. §1.98(d), inasmuch as this application relies on prior application Serial No. 09/645,721 filed August 24, 2000 for an earlier filing date under 35 U.S.C. § 120, no copy of any patent, publication or other information previously cited by or submitted to the Office in such prior application is being provided herewith.

**Certificate of Mailing**

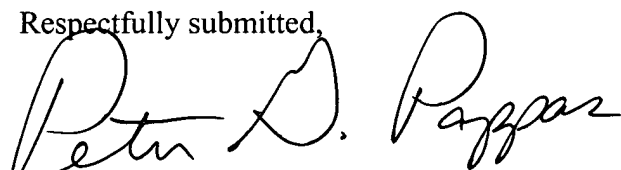
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 3, 2003.

  
Peter G. Pappas - Reg. No. 36205

Several non-English language references are cited on the attached Form PTO-1449. Each of these non-English language references was accompanied by an English Abstract or a full English translation or Applicants' understanding of their relevance was set forth in the PCT/US01/26406 and PCT/US01/26147 search reports submitted with the Information Disclosure Statement and Form PTO-1449 filed in the parent application Serial No. 09/645,721 filed on August 24, 2000.

The citation of this information does not constitute an admission that any of the materials are available as a reference or of priority, or a waiver of any right applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter G. Pappas". The signature is fluid and cursive, with the first name "Peter" being more prominent.

Peter G. Pappas  
Reg. No. 33205

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Attorney Docket No. 25040-0985

FORM PTO-1449, Adopted

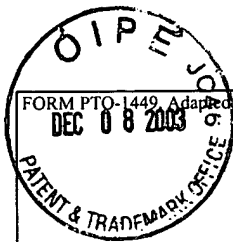
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ATTY. DOCKET NO. 25040-0985		SERIAL NO. 10/664187		FILING DATE September 17, 2003			
APPLICANT THE COCA-COLA COMPANY				GROUP Unassigned			
<b>U.S. PATENT DOCUMENTS</b>							
		2, 664, 852	1-5-54	Chadsey, Jr.			
		2,665,226	1-5-54	Godley, 2 <sup>nd</sup> et al.			
		2,996,037	8-15-61	Eng			
		3,016,873	1-16-62	Baer et al.			
		3,511,703	05-12-70	Peterson			
		3,625,848	12-07-71	Snapper			
		4,230,068	10-28-80	Itoh et al.			
		3,442,686	5-6-69	Jones	117	70	
		4,438,368	03-20-84	Abe et al.			
		4,448,802	01-15-84	Buhl et al.			
		4,528,234	07-1985	Kaiho et al.	428	216	
		4,532,150	07-30-85	Endo et al.			
		4,532,196	07-30-85	Yasui et al.			
		4,552,791	11-12-85	Hahn			
		4,573,429	03-04-86	Cobbs, Jr. et al.			
		4,615,916	10-07-86	Henderson			
		4,634,605	01-06-87	Wiesmann			
		4,661,395	4-28-87	Akao	428	213	
		4,697,974	10-06-87	Eltouky			
		4,749,625	6-7-88	Obayashi et al.	428	624	
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



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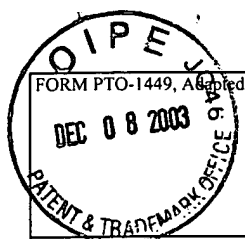
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,765,273	08-23-88	Anderle			
	4,824,545	04-25-89	Arnold, et al.			
	4,849,088	07-18-89	Veltrop et al.			
	4,857,401	8-15-89	Sieverding			
	4,888,199	12-19-89	Felts et al.			
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	4,919,968	04-24-90	Buhl et al.			
	4,975,168	12-4-90	Ohno et al.			
	5,084,356	01-28-92	Deak et al.			
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	5,091,210	02-25-92	Mikoshiba et al.			
	5,096,558	03-17-92	Ehrich			
	5,112,644	05-12-92	Seddon et al.			
	5,215,640	06-01-93	Buhl et al.			
	5,232,755	08-1993	Komiya et al.	428	36.91	
	5,250,328	10-05-93	Otto			
	5,298,149	3-29-94	Kawamura et al.	205	112	
	5,308,649	5-3-94	Babacz			
	5,308,950	5-3-94	Ramm et al.			

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FORM PTO-1449, As amended

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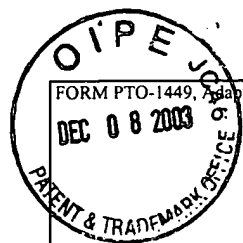
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	5,364,666	11-15-94	Williams et al.			
	5,374,314	12-20-94	Babacz			
	5,378,510	01-03-95	Thomas et al.			
	5,387,326	02-07-95	Buhl et al.			
	5,429,729	7-4-95	Kamei et al.			
	5,437,895	08-01-95	Kodama et al.			
	5,462,779	10-31-95	Misiano et al.			
	5,468,520	11-21-95	Williams et al.			
	5,510,155	04-23-96	Williams et al.			
	5,521,351	05-28-96	Mahoney			
	5,531,060	07-02-96	Fayet et al.			
	5,558,720	09-24-96	Sarraf et al.			
	5,565,248	10-15-96	Plester et al.			
	5,616,369	04-01-97	Williams et al.			
	5,651,867	07-29-97	Kokaku et al.			
	5,662,741	09-02-97	Ehrich			
	5,670,224	09-23-97	Izu et al.			
	5,677,010	10-14-97	Esser et al.			
	5,691,007	11-25-97	Montgomery			
	5,704,983	01-06-98	Thomas et al.			

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FORM PTO-1449, Adapted

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,948,224	09-07-99	Signer et al.			
	6,132,562	10-17-00	Baumecker et al.			
	6,223,683	05-01-01	Plester et al.			
	6,346,318	02-2002	Panchyshyn			

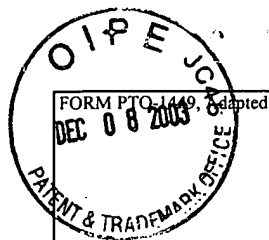
EXAMINER INITIAL	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)
	G. I. Deak and S. C. Jackson: <i>Mylar Polyester Films With Inorganic Glass Coatings</i> ; Du Pont Company, Wilmington, DE, pp-318-33

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
					YES	NO
	1521421	11.12.69	Germany	N. V. Philips' Gloeilampenfabrieken	X	
	DE3239131A1	26.04.84	Germany	Winert, Hilmar	Abstract only	
	DE4026494C2	21.5.92	Germany	Plasco, Dr. Ehrlic-Plasma-Coating GMBH	Abstract only	
	DE 42 03 371 C1	25.2.93	Germany	Multi-Arc Oberflachtentechnik	Abstract only	
	DE 40 06 457C2	30.9.93	Germany	Balzers AG	Abstract only	
	DE4305721C1	21.7.94	Germany	VTD-Vakuumtechnik Dresden Gmb	X	
	DE4343042C1	09.03.95	Germany	Fraunhofer-Gesellschaft zur Forderung der	X	
	DE4412906C1	13.07.95	Germany	Fraunhofer-Gesellschaft zur Forderung der	Abstract only	
	DE 196 00 993 A1	8.8.96	Germany	Technics Plasma GMBH	Abstract only	
	DE 44 44 763 C2	21.11.96	Germany	APVV Angewandte Plasma	Abstract only	
	DE 195 46 827 A1	19.6.97	Germany	Fraunhofer-Gesellschaft zur Forderung der	Abstract only	
	57169088	18.10.82	Japan	Olympus Optical Co Ltd	X	
	61104075	22.05.86	Japan	Sato Hironobu	X	
	63243264	11.10.88	Japan	Matsushita Electric Ind Co Ltd	X	
	63312968	12.21.88	Japan	Hitachi Ltd	X	
	02118064	02.05.90	Japan	Mitsubishi Heavy Ind Ltd	Abstract only	
	08092764	09.04.96	Japan	Nec Kyushu Ltd	X	
	EP 0 460 796 A2	19.04.91	EPO	E. I. Du Pont de Nemours and Company		English

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	EP 0 460 796 B1	19.04.91	EPO	E. I. Du Pont de Nemours and Company		English
	EP 0 535 810 A1	08.09.92	EPO	E. I. Du Pont de Nemours and Company		English
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	EP 0 785291 A1	23.07.97	EPO	The BOC Group In	Abstract only	
	EP 0 0550 039 B1	18.03.98	EPO	Toyo Boseki Kabushiki Kalsha		English
	GB 2 139 647 A	14.11.84	United Kingdom	BOC Group plc		English
	GB 2 263 472 A	14.01.92	United Kingdom	Stalplex Limited		English
	WO 92/03841	05.02.93	PCT	Plasco Dr. Ehrlic Plasma-Coating GMBH	Abstract only	
	WO 92-12275	23.07.92	PCT	Plasco Dr. Ehrlic Plasma-Coating GMBH	Abstract only	
	GB2246795A	12.02.92	United Kingdom	Bowater Packaging Limited		
	EP0721977A1	17.07.96	EPO	Abbey (Research & Development) Ltd.		
	GB2210826A	21.06.89	United Kingdom	Bowater Packaging Limited		
	EP0460966A2	11.21.91	EPO	Flex Products, Inc.		
	GB2246794A	12.02.92	United Kingdom	Bowater Packaging Limited		
	EP0709485A1	01.05.96	EPO	Schott Glaswerke		X
	DE4113221A1	29.10.92	Germany	Leybold AG		X
	EP0113555A1	18.07.84	EPO	The Boc Group plc		
	EP0507351A2	07.10.92	EPO	Fuji Photo Film Co. Ltd.		
	EP0302813A3	08.02.89	EPO	Schmoock Helmuth		X
	EP0468864A1	29.01.92	EPO	Venthenat Papeteries Des Charentes S.A.		X
	JP2000212302	02.08.00	Japan		Abstract Only	
	EP0376614A1	04.07.90	EPO	Polyplastics Co. Ltd.		

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